

Patent claims

1. A polynucleotide consisting of the base sequence of SEQ ID NO: 2, or a complementary strand thereto, wherein the X is one of the group being defined by the bases A, C or T
- 5 2. A polynucleotide according to claim 1, wherein the polynucleotide is at the least a part of a gene.
3. A recombinant vector comprising a polynucleotid according to claim 1.
- 10 4. A DNA probe specific for the polynucleotide of claim 1, wherein it contains more than 10 consecutive nucleotides from the nucleotide, or the complementary strand.
5. A method of proving parkinsonism inheritance, by screening a sample of material taken
- 15 from the subject of interest, with a probe according to claim 5.
6. DNA primer specific for the polynucleotide of claim 1, wherein it contains more than 10 consecutive nucleotides from the nucleotide, or the complementary strand.
- 20 7. Use of a polynucleotide according to claim 1, or a vector according to claim 4, to transfect an organism.
8. Use according to claim 7, wherein the organism is a mammal.
- 25 9. A peptide consisting of the base sequence of SEQ ID NO:1, wherein the x is not glycine.